

To: Birnbaum, Rona[Birnbaum.Rona@epa.gov]
From: Costa, Dan
Sent: Thur 3/9/2017 9:20:50 PM
Subject: FW: Heads Up to OAR: NCEA paper on climate change modeling and air pollution impacts on forest vegetation
VSD+PROPS_ms_20170209.docx
Manuscript Information Sheet - Clark VSDPROPS model evaluation_03-08-17.docx

Hi Rona

This is an easy perusal for somebody but I don't know whom. I don't see clear policy here but IOAA ORD would still like some holy water graced on this paper. Hat to burden folks as I think this has been around. Have somebody let me know when they can – hopefully a week. Again this is not a technical review, these are for policy issues and the technical stuff falls to peer review with the journal. Thanks

dlc

Dan Costa, Sc.D., DABT

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From: Rodan, Bruce

Sent: Thursday, March 09, 2017 2:28 PM

To: Costa, Dan <Costa.Dan@epa.gov>

Cc: Gwinn, Maureen <gwinn.maureen@epa.gov>; Osaka, Anna <Osaka.Anna@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Hagerthey, Scot <Hagerthey.Scot@epa.gov>; Bussard, David <Bussard.David@epa.gov>; Sjogren, Mya <Sjogren.Mya@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>

Subject: Heads Up to OAR: NCEA paper on climate change modeling and air pollution impacts on forest vegetation

Dan,

Can you please notify our colleagues in OAR of this climate/eco manuscript, on its way to journal submission. Having read the manuscript, please consider this a “heads up” to OAR (whose staff have already had the chance to review; 1 week wait), rather than the Advanced Notification procedure and 2 week delay. This is quite a technical document and does not have any policy statements that might be of relevance to OAR.

Bruce Rodan

From: D'Amico, Louis

Sent: Wednesday, March 8, 2017 5:00 PM

To: Rodan, Bruce <rodan.bruce@epa.gov>; Sjogren, Mya <Sjogren.Mya@epa.gov>

Cc: Gwinn, Maureen <gwinn.maureen@epa.gov>; Osaka, Anna <Osaka.Anna@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Hagerthey, Scot <Hagerthey.Scot@epa.gov>; Bussard, David <Bussard.David@epa.gov>

Subject: Advanced Notification: NCEA paper on climate change modeling and air pollution impacts on forest vegetation

Hi Bruce and Mya,

Attached is a manuscript entitled “Feasibility of Coupled Empirical and Dynamic Modeling to Assess Climate Change and Air Pollution Impacts on Temperate Forest Vegetation of the Eastern United States.” It’s intended for submission to *Environmental Pollution*.

The paper describes an evaluation of a European model (VSD+PROPS) that simulates effects of climate change, and nitrogen and sulfur deposition on terrestrial ecosystems, and determine whether it could be useful in the U.S. The manuscript ultimately describes the potential benefits of using this model, but notes that there are significant challenges remaining for it to be useful modeling U.S. responses. More background information is included in the attached 1-pager.

The manuscript has been reviewed in NCEA. It was shared with partners in OAR/OAP during draft development.

Overall, this is a technical manuscript that is mainly going to be of interest to OAR and other offices that are interested in nitrogen and sulfur deposition. We don't anticipate significant external interest in this paper, and as such, don't have any communications efforts planned. Even though it's a technical paper, given the subject matter, we wanted to make sure the front office was aware and could circulate as deemed appropriate.

Feel free to reach out if you have any questions. Thank you!

Best,

Lou

Louis D'Amico, Ph.D.

Assistant Center Director for Communications and Regulatory Support (Acting)

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